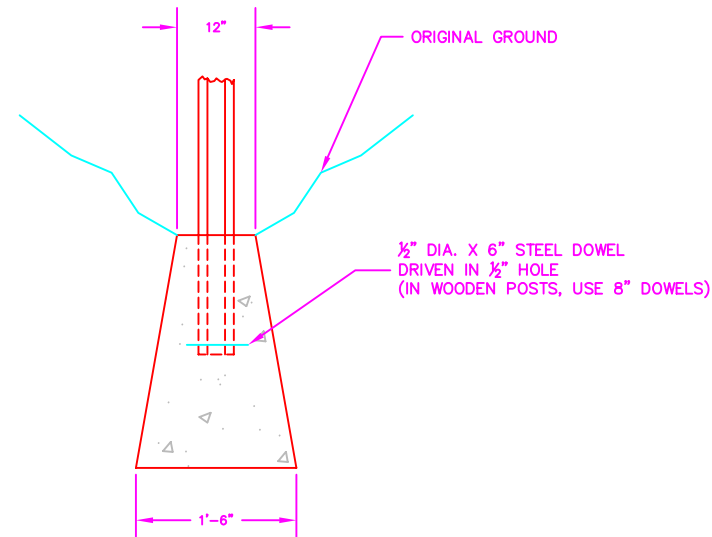
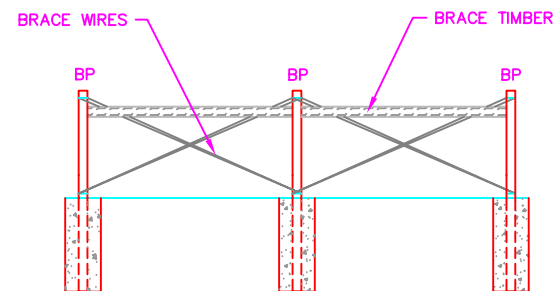


## CONSTRUCTION NOTES

1. END, BRACE, GATE, AND CORNER POSTS SHALL BE SET IN CLASS 3000 CONCRETE.
2. UNLESS OTHERWISE SPECIFIED, BARBED WIRE SHALL BE TYPE 1, 12 1/2 GAUGE WITH 4-POINT, 14 GAUGE ROUND BARBS AT 6" SPACING
3. TWIST RODS SHALL BE LEFT IN POSITION AFTER THE BRACE WIRES HAVE BEEN TIGHTENED AND ASSEMBLY IS RIGID.
4. UNLESS OTHERWISE SPECIFIED, WOVEN WIRE FENCING SHALL BE DESIGN NO. 939-12-12 1/2. FED. SPEC. RR-F-221/2A
5. BRACE WIRE SHALL BE 9-GAUGE SMOOTH WIRE.
6. BRACE TIMBER SHALL BE 4" X 4", MINIMUM.
7. UNLESS OTHERWISE SPECIFIED, ZINC-COATED STEEL POSTS, BRACES AND ACCESSORIES MAY BE USED AS AN ALTERNATIVE TO WOOD. STEEL POSTS SHALL BE STYLE 1 OR 2, FED. SPEC. RR-F-221/3A. STEEL BRACES SHALL BE 2" X 2" X 1/4" ANGLES AND SHALL BE BOLTED TO ADJACENT POSTS, UNLESS SET INTO PREPARED SOCKETS.
8. DIAGONAL BRACES, IN ACCORDANCE WITH ASAE EP 250 MAY BE USED IN LIEU OF HORIZONTAL BRACE ASSEMBLIES.
9. GATE (IF REQUIRED) SHALL BE A COMMERCIALY AVAILABLE METAL MODEL, APPROVED BY THE ENGINEERING PRIOR TO INSTALLATION.
10. BATTENS OR STAYS SHALL BE INSTALLED AT INTERVALS WHICH INSURE MAINTENANCE OF THE PROPER STRAND SPACING.



DEADMAN FENCE ANCHOR

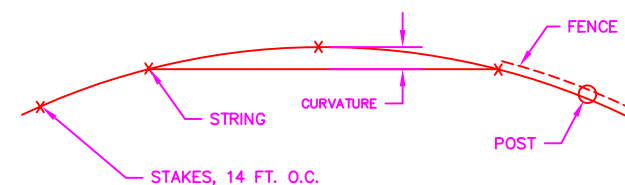


PULL POST ASSEMBLY  
(BRACE ASSEMBLY)

CURVE ASSEMBLIES - CURVE OR CONTOUR FENCE SHALL HAVE MAXIMUM POST SPACING AS FOLLOWS:

FENCE CURVATURE INCHES	POST SPACING FEET
4 OR LESS	14
4 - 7	12
7 - 9	10
9 - 15	8
15 - 20	7

CURVATURE SHALL BE MEASURED IN INCHES FROM A STAKE ALONG THE PROPOSED FENCE LINE, TO A STRING CONNECTING TWO OTHER STAKES ALONG THE FENCE LINE, BEGINNING AT THE FIRST POST, 14 FEET BETWEEN STAKES.

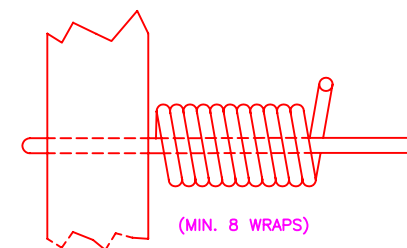


POST SHALL LEAN OUTWARD FROM THE CURVE APPROXIMATELY 2 INCHES AT THE TOP.

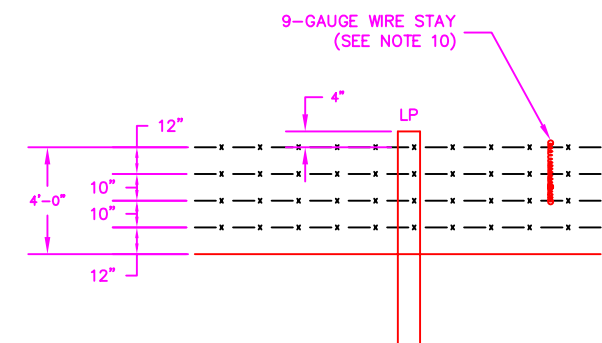
FENCE CURVATURE



WESTERN UNION SPLICE  
(EACH WIRE HAS 8 WRAPS)



1/2 WESTERN UNION SPLICE  
(AT END AND GATE POSTS)



DETAIL OF 4-STRAND BARBED WIRE FENCE  
(IF REQUIRED)

## FENCE PROTECTION FROM LIGHTNING

1. FENCE SHALL BE GROUNDED EVERY 250 FEET IN LENGTH AS A MINIMUM
2. TIE ALL FENCE WIRES WITH 5 WRAPS OF 9 GAUGE GALVANIZED WIRE TO GROUNDING ELECTRODES.
3. ELECTRODES MUST BE DRIVEN AT LEAST 3 FEET INTO THE SOIL
4. ELECTRODES MUST BE STANDARD GALVANIZED STEEL FENCE POSTS, NEW 3/4-INCH GALVANIZED STEEL PIPES OR U.L. (UNDERWRITERS LABORATORY) APPROVED GROUND RODS.
5. FENCES CONSTRUCTED USING PROPERLY INSTALLED STEEL LINE POSTS WILL NOT REQUIRE GROUNDING.
6. FENCES WILL HAVE A CONTINUITY BREAK EVERY 1000 FEET OR LESS. THIS SHALL BE DONE WITH SEPARATE END POSTS OR IN-LINE INSULATORS.

NOT TO SCALE

Date 10/90  
Designed by A. WOOD  
Drawn by DUNN  
Checked by   
Approved by

COUNTY, PENNSYLVANIA  
FARM FIELD FENCE



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Drawing No.

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